



Yearly Status Report - 2019-2020

Part A

Data of the Institution

| | |
|---|--|
| 1. Name of the Institution | CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY |
| Name of the head of the Institution | Sreenivasula Reddy |
| Designation | Principal |
| Does the Institution function from own campus | Yes |
| Phone no/Alternate Phone no. | 08564-278000 |
| Mobile no. | 7799344443 |
| Registered Email | cbitpdtr@gmail.com |
| Alternate Email | seenu.gurrumpati@gmail.com |
| Address | Vidya Nagar |
| City/Town | PRODATTUR |
| State/UT | Andhra Pradesh |
| Pincode | 516360 |

| 2. Institutional Status | | | | | |
|---|------------------|---|---------------------------------------|-------------|-------------|
| Affiliated / Constituent | | Affiliated | | | |
| Type of Institution | | Co-education | | | |
| Location | | Rural | | | |
| Financial Status | | state | | | |
| Name of the IQAC co-ordinator/Director | | Dr .R. Saravanan | | | |
| Phone no/Alternate Phone no. | | 08778284298 | | | |
| Mobile no. | | 9976592943 | | | |
| Registered Email | | saravan_tanj@yahoo.co.in | | | |
| Alternate Email | | saravaneetanj@gmail.com | | | |
| 3. Website Address | | | | | |
| Web-link of the AQAR: (Previous Academic Year) | | http://www.cbit.edu.in/wp-content/uploads/2020/02/AQAR1.pdf | | | |
| 4. Whether Academic Calendar prepared during the year | | No | | | |
| 5. Accreditation Details | | | | | |
| Cycle | Grade | CGPA | Year of Accreditation | Validity | |
| | | | | Period From | Period To |
| 1 | B | 2.4 | 2015 | 03-Mar-2015 | 03-Mar-2020 |
| 6. Date of Establishment of IQAC | | | 29-Jun-2015 | | |
| 7. Internal Quality Assurance System | | | | | |
| Quality initiatives by IQAC during the year for promoting quality culture | | | | | |
| Item /Title of the quality initiative by IQAC | Date & Duration | | Number of participants/ beneficiaries | | |
| Academic Auditing- Semester wise | 25-Jul-2019 1 | | 139 | | |
| Use of ICT tools in Teaching | 06-Mar-2020 1 | | 683 | | |

| | | |
|---|-------------------|-----|
| Insights & conspectus ensuing of Power Engineering & Dealing with core interviews | 10-Aug-2020 1 | 12 |
| Bridge Course conducted for first year students | 03-Jun-2019 12 | 351 |
| Bloom taxonomy based assessment for internal examination. | 12-Nov-2019 3 | 351 |
| Meeting with Internal IQAC Member | 06-Feb-2020 1 | 6 |

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

| Institution/Department/ Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---------------------------------|--------|----------------|-----------------------------|--------|
| EEE | STTP | AICTE | 2020 18 | 301667 |
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9. Whether composition of IQAC as per latest NAAC guidelines:

No

Upload latest notification of formation of IQAC

No Files Uploaded !!!

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

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11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Academic Auditing verification of course file after completion of the semester by internal team that includes verification of teaching learning activities as per the course plan. 2. Impact analysis of use of ICT tools in Teaching -Learning process. 3. Conduct of Various faculty workshop on ICT Tools 4. Improvement of Pass percentage By taking special class by course handlers for slow learners. 5.

Effective conduct of 1 week bridge course for first year students. 6. Conduct of 1 day workshop on effective student mentoring. 7. Review of internal assessment questions based on Blooms Taxonomy. 8. Writing course outcomes for all the courses in R13 R15 Regulation

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

| Plan of Action | Achivements/Outcomes |
|---|--|
| (4) Strategies for Improvement of pass percentage. | 4. Impact of special class on Pass percentage improvement has been analysed. |
| (5) To create and sustain a vibrant research atmosphere in the campus | 5. IQAC has formed a committee to identify the good publication and suggest incentive to the faculty member who published that paper. Incentives to the faculty who publishing Books and incentives for other research activities. |
| (6) Conduct of Bridge Course for first year students | 6. All the first year students are attended the bridge courses. |
| (7) Counselling and Mentoring for all students | 7. All the faculty members are know about the student mentoring. |
| (8) Bloom taxonomy based assessment for internal examination. | 8. All the internal assessment questions are reviewed and action to be taken for the further improvement is analysed. |
| (9) Learning Outcomes for theory and practical courses | 9. Course outcomes are articulated for all the courses in ---curriculum |
| The IQAC has chalked out the following Plan of action for the Academic year 20202021 in its meeting held on 21.09.2020. (1) Academic Auditing | 1. Academic Auditing All the course files for the academic year 20202021 are verified by internal team. |
| (2) Use of ICT tools in Teaching -Learning | 2. Impact analysis of use of ICT tools have been analyzed with help of course performance |
| (3) Conduct of online Quizzes, Webinar, FDP for all departments. | 3. Faculty workshop conducted, 70 faculties are benefitted |

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14. Whether AQAR was placed before statutory body ?

No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

| | |
|--|-------------|
| 16. Whether institutional data submitted to AISHE: | Yes |
| Year of Submission | 2019 |
| Date of Submission | 30-Jan-2019 |
| 17. Does the Institution have Management Information System ? | No |

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Response: The institution ensures effective curriculum delivery through systematic action plans, JNTU academic calendar, CBIT policies and documented process. The University almost ensures that the curriculum framed will meet the Industry expectations at that time. Faculty members are encouraged to impart the curriculum through innovative teaching methods such as video animations, simulations, assignments, discussions, augmentation courses, workshops, industrial visits. Process for effective curriculum delivery: The College has strategized ways and means to strengthen the teaching-learning process in the following ways: 1. Formulation of objective driven teaching plan at the beginning of the semester 2. Preparation of adequate learning materials (resources) Updated library facilities with e-journals Maintenance of course files by all faculty members which contains course plan, notes of lesson, question bank and performance details of the students. 3. Adopting new and innovative teaching techniques, in addition to the traditional lecture methods to get the students actively involved in the teaching learning processes. 4. The students are allowed to discuss, deliberate and innovate upon the ideas within themselves and also with the staff members. 5. Organizing suitable invited guest lectures by industry personnel and industrial visits to improve the effectiveness of implementation of the curriculum. 6. Entrusting the teaching faculty with the task of mentoring 20 students on academic and personal issues, thereby strengthening the bond between teachers and students, leading to a better learning atmosphere. 7. The Head of the department and the Principal do a periodical review of the portions covered by the staff members and also the student's attendance. 8. Faculty members also refer to the previous JNTU, CBIT MID exam question papers and results of respective subjects to understand the performances of previous students. They also discuss with previous assigned faculty to get an idea about the focus of the subject.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entrepreneurship | Skill Development |
|--------------------|-----------------|-----------------------|----------|--|--------------------|
| Embedded System | Nil | 17/01/2020 | 14 | employability | Embedded System |
| Internet of Things | Nil | 17/01/2020 | 14 | employability | Internet of Things |

| | | | | | |
|--|-----|------------|----|---------------|--|
| MATLAB and SIMULINK | NIL | 04/06/2019 | 11 | employability | MATLAB and SIMULINK |
| ETABS | NIL | 16/12/2019 | 14 | employability | ETABS |
| Rivets | Nil | 18/12/2019 | 11 | Employability | Rivets |
| CATIA | Nil | 19/06/2019 | 12 | Employability | CATIA |
| Entrepreneurship | Nil | 11/06/2019 | 14 | Employability | Entrepreneurship |
| Financial Planning for Young Investors | Nil | 14/07/2020 | 10 | Employability | Financial Planning for Young Investors |

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|-------------------|--------------------------|-----------------------|
| Nil | NIL | Nil |
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|--------------------------|---|
| BTech | EEE | 05/08/2019 |
| BTech | ECE | 05/08/2019 |
| BTech | CSE | 05/08/2019 |
| BTech | Civil | 05/08/2019 |
| BTech | Mechanical | 05/08/2019 |
| MBA | MBA | 27/02/2019 |

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

| | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 1891 | 0 |

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

| Value Added Courses | Date of Introduction | Number of Students Enrolled |
|---|----------------------|-----------------------------|
| Solid edge | 08/07/2019 | 38 |
| Turning NC programming | 08/07/2019 | 35 |
| Basic robotics | 15/07/2019 | 47 |
| Python | 17/01/2020 | 52 |
| JAVA | 17/01/2020 | 50 |
| Problem Solving and Programming in Python | 21/01/2019 | 80 |

| | | |
|---|------------|----|
| Problem Solving and Programming in Python | 23/01/2019 | 57 |
| Problem solving and programming in python | 16/12/2019 | 25 |
| Turning NC Programming | 08/07/2019 | 24 |
| RIVIT | 20/01/2020 | 66 |
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1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|------------------------------------|--------------------------|---|
| BTech | Civil | 66 |
| BTech | EEE | 57 |
| BTech | ECE | 127 |
| MBA | MBA | 48 |
| BTech | CSE | 110 |
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| | |
|-----------|-----|
| Students | Yes |
| Teachers | Yes |
| Employers | Yes |
| Alumni | Yes |
| Parents | Yes |

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

| Feedback Obtained |
|--|
| <p>A structured proforma consisting of important parameters pertaining to teaching learning process has been designed for the purpose of collecting students feedback. The responses are subject to Electronic Data Processing and the results are analysed by the HoDs and the Principal, and the feedback is communicated to the faculty members concerned wherever necessary, for their improvement. Student's feedback on value added programme conducted (for example guest lectures, seminars, employability camp, etc.) is obtained by distributing a questionnaire at the end of the event. The Director, Training and Placement Cell in co-ordination with the faculty members in charge from each Department have been involved in collecting feedback from alumni and employer. Feedback is collected from the parents during the parents meeting. The faculty is collected about the course is collected after the completion of each semester. Faculty feedback is used for changing a teaching learning methodologies next offering of the course.</p> |

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|

| | | | | |
|------------------------------------|-----|-----|-----|-----|
| MBA | MBA | 60 | 62 | 62 |
| BTech | CSE | 120 | 130 | 121 |
| BTech | ECE | 120 | 120 | 117 |
| BTech | ME | 60 | 42 | 32 |
| BTech | EEE | 120 | 60 | 49 |
| BTech | CE | 60 | 40 | 32 |
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|---|---|--|
| 2019 | 1457 | 108 | 126 | 12 | 138 |

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|--|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 138 | 130 | 33 | 33 | 2 | 5 |
| View File of ICT Tools and resources | | | | | |
| No file uploaded. | | | | | |

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

In order to resolve day to day academic problems of the students, mentors are appointed for a batch of 15 students, and they will counsel the respective students once in a month and whenever necessary, to solve the problems come across during their programme of study. This is a continuous process till the end of academic career of the student. For pre-final year students, career orientation programmes will be arranged. Reasonable numbers of students have secured admissions for their higher studies and they in turn guide their juniors for their prospective admissions Goal: ? To monitor the students regularity discipline ? To enable the parents to know about the performance regularity of their wards. ? Improvement of teacher-student relationship ? Counselling students for solving their problems and provide confidence to improve their quality of life. ? Guiding students to choose right career path for job, higher studies, Entrepreneurship, etc. ? Creation of a better environment in college, where students can approach teachers for both educational and personal guidance. ? Enhancement of knowledge base for both teachers and students alike, due to effective two-way communication. ? Awareness and support to students for GATE, GRE, CAT, ISRO, SAIL, NAL, HAL, NTPC, BSNL, DRDO, BARC, and other Govt. PSUs examinations. ? ? Motivation for higher studies and entrepreneurship. ? Advice and support for improvement in academic performance. Ongoing process: ? Regular meetings are held between mentor and mentee once in a month. ? A separate sheet is maintained for each student. ? Students are allowed to approach the mentor for both academic personal problems. ? Personalized professional /career advice is given to the mentee. The Practice : ? Every section has two mentors and each mentor will get 15 students. ? The Mentors prepare the monthly attendance of every student for each section and send the information to the parents of defaulters through proper channel. ? If a student is absent for more than ten days continuously then HOD calls the parents of a student, enquires the reason and advises them to take care of their ward. ? Even after informing student's parents, HOD forwards the details of a student to the Principal for further action. Outcomes of the system : ? The attendance percentage of the students has increased to a greater extent. ? The number of detainment of students has decreased consistently. ? In course of direct communication between mentor and the

student there was a good improvement in the teacher-student relationship. The above effected in attaining a better academic performance.

| | | |
|--|-----------------------------|-----------------------|
| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
| 1543 | 138 | 1:11 |

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

| | | | | |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
| 138 | 138 | 0 | 0 | 23 |

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|------------------------------------|---|---------------------|--|
| 2019 | K.Jothi | Assistant Professor | Received Ph.D degree Award from Rayalaseema University, Karnool |
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|------------------------------------|----------------|----------------|--|---|
| BTech | 04 | II/I | 10/06/2020 | 26/10/2020 |
| BTech | 03 | II/I | 10/06/2020 | 26/10/2020 |
| BTech | 02 | II/I | 10/06/2020 | 26/10/2020 |
| BTech | 01 | II/I | 10/06/2020 | 26/10/2020 |
| MBA | 1E | I/I | 31/01/2020 | 17/03/2020 |
| BTech | 05 | I/I | 10/01/2020 | 19/03/2020 |
| BTech | 04 | I/I | 10/01/2020 | 19/03/2020 |
| BTech | 03 | I/I | 10/01/2020 | 19/03/2020 |
| BTech | 02 | I/I | 10/01/2020 | 19/03/2020 |
| BTech | 01 | I/I | 10/01/2020 | 19/03/2020 |
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

In our college a common question paper template is followed. It consists of questions , CO address and corresponding blooms taxonomy level. Controller of Examiner schedules the assessments test in advance to the faculty members so that question papers can be prepared and submitted to the same in advance. Faculty members will submit the question paper to HOD in the required format by

suitably covering the CO's and Knowledge levels based on blooms taxonomy To ensure the coverage of CO's and knowledge levels HOD will review the questions and it will be submitted to exam cell. Model Examination of Labs is also conducted at the end of the every semester. Correction of papers are done in a separate hall and then HODs randomly go through the exam paper of the students for effective process Corrected answer papers is distributed to the students with scheme and will ask them for any correction errors and suitably rectified.

Assignment will be given to the students for only in higher level CO's. In Laboratory courses continuous assessment marks are given for each experiment in terms of experimentation results and viva. Final year project assessment consists of 3 project reviews conducted by project assessment committee. The selection of topic and identification of supervisor assigned by Head of the Department. Separate Rubrics are used to access the performance of students in various learning domains such as knowledge, skill and attitude values. At the end of the third review the best project will be selected.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The University prepares academic calendar before the commencement of each semester and publish in the University website. Based on the academic calendar prepared by the university, institutes prepares an institutional level academic calendar for the smooth functioning of academic as well as extracurricular activities planned in the current semester. This displays in the notice board of all departments. The Academic Calendar includes the dates of re-opening, bridge course, orientation course, commencement of internal tests, commencement of semester examinations, important functions of the college and Government, local and institutional holidays etc The examination committee meets periodically to discuss all the examination related matters. At institute level, effective implementation of tutorial and Class test /unit test/prelim take place and results are declared within eight days. Schedules for the supplementary examinations and result declaration dates will be included in the calendar. The Principal, CEO, Academic coordinator, HOD and examination coordinators of departments make sure that

- Completion of term work
- Conduction of mock practical and theory examinations
- Submission of term work marks based on continuous evaluation scheme

1.Academic calendar committee will prepare the academics calendar considering university guidelines for each semester
 2.Academic calendar will indicates Mid Exam schedule , student activities , holidays, project review, end semester examination , span of academic activities
 3.Academic calendar will be approved by committee consists of Hod's and principal
 4.The approved academic calendar is circulated for all the faculty and staff.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.cbit.edu.in/>

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|----------------|----------------|--------------------------|---|---|-----------------|
| 02 | BTech | EEE | 57 | 55 | 96.49 |
| 01 | BTech | Civil | 61 | 45 | 73.77 |
| 04 | BTech | ECE | 63 | 47 | 74.6 |

| | | | | | |
|------------------------------------|-------|-----|-----|-----|-------|
| 05 | BTech | CSE | 110 | 103 | 93.63 |
| 1E | MBA | MBA | 48 | 38 | 79 |
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.cbit.edu.in/>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

| Nature of the Project | Duration | Name of the funding agency | Total grant sanctioned | Amount received during the year |
|-----------------------|----------|----------------------------|------------------------|---------------------------------|
| Any Other (Specify) | 21 | AICTE | 301667 | 301667 |
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

| Title of workshop/seminar | Name of the Dept. | Date |
|---|--|------------|
| Three week Short Term Training Programme | Electrical and Electronics Engineering | 30/11/2020 |
| ONE WEEK FDP-EMERGING TECHNIQUES IN CIVIL ENGINEERING | CIVIL ENGINEERING | 02/06/2020 |
| ONE WEEK (SEVEN DAYS) WORKSHOP ON PYTHON LANGUAGEE | Electrical and Electronics Engineering | 14/10/2020 |

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|---|----------------------|----------------------|---------------|----------------------------|
| COP 25 International Climate action program | Human Science Centre | Human Science Centre | 01/11/2019 | Certificate of Achievement |
| ATAL Ranking of Institution on Innovation Achievement | ARIIA | Govt. of India MHRD | 16/10/2019 | ATAL Ranking |
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsered By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|-------------------|------|--------------|----------------------|--------------------|----------------------|
| NIL | NIL | NIL | NIL | 0 | Nil |
| No file uploaded. | | | | | |

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| 0 | 0 | 0 |

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| Maths | 1 |
| CSE | 1 |

3.3.3 – Research Publications in the Journals notified on UGC website during the year

| Type | Department | Number of Publication | Average Impact Factor (if any) |
|---------------|-----------------------|-----------------------|--------------------------------|
| International | Civil | 1 | 0 |
| International | EEE | 17 | 0 |
| International | ECE | 5 | 6.2 |
| International | CSE | 8 | 0 |
| International | Science Humanities | 5 | 3.56 |

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

| Department | Number of Publication |
|------------|-----------------------|
| MBA | 1 |
| HS | 2 |
| ECE | 1 |

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|--------------------|----------------|------------------|---------------------|----------------|---|---|
| 0 | 0 | 0 | Nil | 0 | 0 | 0 |

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|--------------------|----------------|------------------|---------------------|---------|---|---|
| NIL | NIL | 0 | Nil | 0 | 0 | 0 |

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

| Number of Faculty | International | National | State | Local |
|-------------------|---------------|----------|-------|-------|
| Attended/Semi | 2 | 33 | 31 | 0 |

| | | | | |
|-------------------|---|---|---|---|
| nars/Workshops | | | | |
| Presented papers | 0 | 2 | 0 | 0 |
| Resource persons | 0 | 1 | 0 | 0 |
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

| Title of the activities | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number of students participated in such activities |
|---------------------------------------|--|--|--|
| Shramaadan Programme | NSS "CBIT" Collaborated with volunteers | 1 | 30 |
| Yoga Day An Awareness Programme | NSS "CBIT" | 1 | 150 |
| International Women's Day | NSS "CBIT" Collaborated with "INNER WHEEL WELFARE ASSOCIATION" | 1 | 400 |
| Organ Donation Awareness Programme | NSS "CBIT" Collaborated with Cardio specialist from Care Hospital. | 1 | 200 |
| Blood Donation Camp | NSS "CBIT" Collaborated with "HDFC" bank On the eve of bankers' day | 4 | 70 |
| Blood grouping programme | NSS "CBIT" Collaborated with Red Cross Society | 6 | 340 |
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students Benefited |
|----------------------|---|---|---------------------------------|
| Patriotic Poem | First prize in NSS District Level youth festival | Vaagdevi institute of technology and science | 1 |
| Patriotic Poem | First prize in UNIVERSITY level "NSS YOUTH FESTIVEAL | JNTU Ananthapur university | 1 |
| No file uploaded. | | | |

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme | Organising unit/Agency/collaborating agency | Name of the activity | Number of teachers participated in such activities | Number of students participated in such activities |
|--------------------|---|----------------------|--|--|
| NSS | CBIT | Swatch Bharat | 8 | 250 |
| NSS | CBIT | Swatch Bharat | 6 | 200 |
| No file uploaded. | | | | |

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of activity | Participant | Source of financial support | Duration |
|--------------------|-------------|-----------------------------|----------|
| NIL | NIL | 0 | 0 |
| No file uploaded. | | | |

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|-------------------|----------------------|---|---------------|-------------|-------------|
| 0 | 0 | 0 | Nil | Nil | 0 |
| No file uploaded. | | | | | |

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation | Date of MoU signed | Purpose/Activities | Number of students/teachers participated under MoUs |
|------------------------------|--------------------|--|---|
| Wolkite University, Ethiopia | 01/11/2019 | Student Academic | 245 |
| TRY Logic Solutions | 18/07/2019 | Student Academic | 345 |
| ATAL Incubation Centre | 21/08/2019 | Student Academic Collaborative Research Work | 123 |
| View File | | | |

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
|--|--|
| 540940000 | 17218715 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|-------------|-------------------------|
| Campus Area | Existing |

| | |
|-----------------------------------|----------|
| Class rooms | Existing |
| Laboratories | Existing |
| Seminar Halls | Existing |
| Classrooms with LCD facilities | Existing |
| Seminar halls with ICT facilities | Existing |
| Classrooms with Wi-Fi OR LAN | Existing |
| View File | |

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

| Name of the ILMS software | Nature of automation (fully or partially) | Version | Year of automation |
|---------------------------|---|---------|--------------------|
| ECAP | Fully | 3.0 | 2013 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|----------|---------|-------------|-------|-------|---------|
| | | | | | | |
| Text Books | 21439 | 5571980 | 149 | 50938 | 21588 | 5622918 |
| Reference Books | 2100 | 0 | 92 | 0 | 2192 | 0 |
| e-Books | 0 | 0 | 3184 | 0 | 3184 | 0 |
| e-Journals | 1282 | 55000 | 1737 | 16500 | 3019 | 71500 |
| Digital Database | 12 | 0 | 12 | 0 | 24 | 0 |
| CD & Video | 1897 | 0 | 549 | 0 | 2446 | 0 |
| Library Automation | 1 | 0 | 1 | 0 | 2 | 0 |

[View File](#)

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

| Name of the Teacher | Name of the Module | Platform on which module is developed | Date of launching e-content |
|---------------------|--------------------|---------------------------------------|-----------------------------|
| NIL | NIL | Nil | Nil |

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

| Type | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/GBPS) | Others |
|---------|-----------------|--------------|----------|------------------|------------------|--------|-------------|---------------------------------|--------|
| Existin | 340 | 6 | 59 | 1 | 6 | 5 | 7 | 50 | 0 |

| | | | | | | | | | |
|-------|-----|---|----|---|---|---|---|----|---|
| g | | | | | | | | | |
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 340 | 6 | 59 | 1 | 6 | 5 | 7 | 50 | 0 |

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

50 MBPS/ GBPS

4.3.3 – Facility for e-content

| Name of the e-content development facility | Provide the link of the videos and media centre and recording facility |
|--|--|
| NIL | Nil |

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|--|--|--|--|
| 20556570 | 7711346 | 33537430 | 12560835 |

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Civil Infrastructure Maintenance Adequate Human resources are appointed exclusively for maintenance and upkeep of campus infrastructure. A maintenance supervisor and maintenance assistances (electrician and plumber) assist in upkeep and maintenance of infrastructure facilities. These personnel are available 24 X 7 to monitor the maintenance. The cleanliness of the campus and the hostels is out-sourced to a contractor who reports to the supervisor. The institute outsources the maintenances of infrastructure facilities. Following is the list of Annual maintenance contracts. Annual Pest Control Service Contract • Fire Systems Maintenance • UPS • Water Tank Cleaning • Drinking Water Testing Provision of adequate infrastructural facilities for teaching and learning has always been a priority area for the Institute. The Institute abides by the norms provided by AICTE and Jawaharlal Nehru Technological University, Anantapur (JNTUA) to provide and enhance the infrastructure required to facilitate effective teaching and learning. The Institute has a total land area which is constructed with robust structures for various academic purposes. Maintenance of Equipment Computing Facilities: The institute has dedicated staffs they overlook the maintenance upkeep of equipment computing facilities of the institution. All the standalone and dedicated computers and network systems connecting these computers are taken care of by the respective departments, system department and technical assistants. All the electrical and electronics equipment deployed in different positions in institute are looked after by the team of electrical maintenance staff consisting of electricians and engineers. Routine computer maintenance, software installations, networking are handled by respective Department. Anti-virus software is purchased and is renewed annually for the smooth working of all the computers in the institute. Classrooms 1. Each class room is designed maintained as per AICTE norms with respect to carpet area, lighting, ventilation furniture to have a conducive ambiance. 2. All the classrooms are provided with LCD projectors and campus wide Wi-Fi facility. 3. Institution has two spacious seminar halls and an auditorium with state-of-the-art facilities. 4. The Imparts lecture capture solution facilitates record of every lecture delivered by the faculty which can be viewed by the students any number of

times at a later time. This helps slow learners to understand the difficult concepts at their own pace. This also facilitates introduction of flipped classroom teaching where there is only learning in the class room with little teaching. Laboratories 1. Each lab/workshop with appropriate layout is designed maintained as per AICTE norms with respect to carpet area, lighting, ventilation furniture to have a conducive ambiance practical exposure. 2. Laboratories are well equipped with adequate number of experimental set-ups, computers peripherals. Qualified lab instructor/Mechanic is allotted for all the lab batches for its smooth functioning. 3. Special care is taken to ensure that the students conduct all the experiments as per the University syllabus. A few experiments beyond the curriculum are also conducted.

<http://cbit.edu.in/>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

| | Name/Title of the scheme | Number of students | Amount in Rupees |
|--------------------------------------|--------------------------|--------------------|------------------|
| Financial Support from institution | Consession | 123 | 55000 |
| Financial Support from Other Sources | | | |
| a) National | Reimbursement | 1500 | 125000 |
| b) International | Nil | Nil | Nil |
| No file uploaded. | | | |

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme | Date of implementation | Number of students enrolled | Agencies involved |
|---|------------------------|-----------------------------|-------------------|
| WIPRO Specific Training | 03/09/2019 | 139 | TALENTINO |
| WIPRO Specific Training | 11/10/2019 | 139 | TALENTINO |
| TCS Specific Training | 25/07/2019 | 139 | TALENTINO |
| Aptitude and Reasoning | 01/07/2019 | 139 | TALENTINO |
| C Technical Training | 17/06/2019 | 139 | TALENTINO |
| View File | | | |

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passed in the comp. exam | Number of students placed |
|------|--------------------|--|--|--|---------------------------|
| Nil | NIL | 0 | 0 | 0 | Nil |

No file uploaded.

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---------------------------|--------------------------------|---|
| 0 | 0 | 0 |

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|----------------------------------|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
| KarviDigiK onnect, Chennai | 25 | 13 | Nil | Nil | Nil |
| View File | | | | | |

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of programme admitted to |
|-------------------|--|--------------------------|---------------------------|----------------------------|-------------------------------|
| 2019 | 6 | CBIT | ECE | SVRIT, Nandyal | M.Tech |
| 2020 | 18 | CBIT | EEE | SVRIT, Nandyal | M.Tech |
| 2019 | 3 | CBIT | CE | SVRIT, Nandyal | M.Tech |
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

| Items | Number of students selected/ qualifying |
|-------------------|---|
| GATE | 1 |
| No file uploaded. | |

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity | Level | Number of Participants |
|------------------------|------------------|------------------------|
| Fencing Selection | University Level | 25 |
| Sports Day Celebration | College Level | 150 |
| No file uploaded. | | |

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

| Year | Name of the award/medal | National/ International | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|------|-------------------------|-------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
|------|-------------------------|-------------------------|-----------------------------|-------------------------------|-------------------|---------------------|

| | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|
| Nil | Nil | Nil | Nil | Nil | Nil | NIL |
| No file uploaded. | | | | | | |

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Every year, a Student council is formed comprising of one student representative from each Department. From the council framed one student is being selected as Student Chairman every year. The student council plays a vital role in Departmental activities such as organizing College/department events, seminars, conferences and workshops. The council members and all the other students deliberately involve in their Department newsletter preparation and in editorial committee. The student representatives also participate in the preparation of college calendar every year to plan college activities Department wise. Especially Department events are completely planned, organized and conducted by the students under the supervision of the faculty. The goal of the student council is to provide a common platform to students for co-curricular and extra-curricular activities. ANTI-RAGGING COMMITTEE Institution imparting technical education shall constitute a Committee to be known as the Anti-ragging Committee to be nominated and headed by the Head of the Institution, and consisting of representatives of civil and police administration, local media, Non-Government Organizations involved in youth activities, representatives of faculty members, representatives of parents, representatives of students belonging to the fresher's category as well as senior students, non-teaching staff and shall have a diverse mix of membership in terms of level as well as gender. The anti-ragging committee of CBIT is constituted as per the guidelines of All India Council for Technical Education. The following is the composition of the committee. ? All Head of the Departments ? Hostel chief warden ? Student coordinators ? Inspector of Police The awards and punishments are affected as per the guidelines of AICTE, Government orders and judgments given by courts of India from time to time. ANTI-SEXUAL HARASSMENT COMMITTEE The College has constituted anti-sexual harassment committee comprising of senior faculty members and students for preventing any act of sexual harassment. STUDENT GRIEVANCE REDRESSAL COMMITTEE A redressal committee functions in the institution. Following are the functions of redressal committee, ? To receive the grievance in person. ? To analyze and examine the nature of grievance. ? To deliberate with the members of committee and call for remarks if necessary ? To resolve the issues impartially ? IQAC

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

120

5.4.3 – Alumni contribution during the year (in Rupees) :

145500

5.4.4 – Meetings/activities organized by Alumni Association :

01

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The Organization performs under decentralized governing pattern. Budget planning, project finance, project contact, legal department, faculty appointment and evaluation will be under the control of Chairman who is assisted by Secretary. Curricular arena is administrated by Principal. Academic schedule, academic office and office of the Controller of Examination are the areas under the power of Principal. An isolated wing headed by Physical Directors Sports are allotted. Director/Sports are in-charge of Director for hostel also. One Women Physical director and two men physical director are appointed to observing sports activities. Administrative section and account office is headed by Administrative Officer. Additional isolated placement wing is headed by the Placement office. The leadership provides clear vision and mission to the institution. The functions of the institution and its academic and administrative units are governed by the principles of participation and transparency. Formulation of development objectives, directives and guidelines with specific plans for implementation by aligning the academic and administrative aspects improves the overall quality of the institutional provisions

6.1.2 – Does the institution have a Management Information System (MIS)?

No

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type | Details |
|----------------------------|---|
| Examination and Evaluation | Examination conducted by institution as per JNTUA circular. Based on university calendar two internal examinations (MID I and MID II) are conducted by the institute. The circular of internal examination one before the examination informed to the students through common circular, HOD and all department notice boards and common notice board itself. After the examination the scripts are evaluated by the respective teachers and the evaluation process monitored by head of the department. After the evaluation of scripts the results are properly announced and the scripts are distributed among the students for verification. any questionare student having means at the time itself the quires are solved by the respective faculty member |
| Research and Development | The inputs received from industry experts in recent trends Engineering and Technology are suitably incorporated in the teaching-learning process to provide an industry oriented curriculum prescribed by the university to turn out with the self reliant professionals. Periodical feedback |

| | |
|---|--|
| | <p>from, Students, External experts, Employers, Alumni and Parents. To encourage the students to participate outside seminar, paper presentation etc.? Research and Development (RD) centre is taking care of all the research activities, encourages signing MoUs with academia/industries.</p> |
| <p>Library, ICT and Physical Infrastructure / Instrumentation</p> | <p>Central library having all the books, e-Journals, CD for students and staff references. 33 class rooms are available ICT facility. and 2 smart class rooms also available for usage. All labs are full-fledged.</p> |
| <p>Human Resource Management</p> | <p>HR policy manual followed by the institution. ? IQAC has organized faculty development programmes and professional development programmes for teaching and non-teaching staff in the past five years. ? The management also encourages organizing and attending faculty development programmes to hone the professional skills of the faculty. ? The quality and work efficiency of the staff is assessed by the performance appraisal system. ? The institution has a mechanism for internal and external Academic audits.</p> |
| <p>Industry Interaction / Collaboration</p> | <p>Various MOUs with TCS, APPSDC for improving the knowledge of students in industrial point of view. Interactive session for students with different industrial experts are arranged throughout the academic year. Guest lecture by industrial experts are delivered to students.</p> |
| <p>Admission of Students</p> | <p>Admission process fully followed by the state government and Jawaharlal Nehru Technological University, Anathapuramu. As per State government and JNTUA instruction through entrance examinations and based on the ranking system the students are admitted to the institution.</p> |
| <p>Curriculum Development</p> | <p>To consider the recommendations of the staff selection committee. To consider the important communications, policy decisions received from the University, Government and AICTE etc. To monitor the students effectively to improve the academic related activities To strengthening the faculty skills through faculty development programs once in a year. To consider the recommendations of the Academic Audit Board of the college for</p> |

| | |
|-----------------------|---|
| | implementation. |
| Teaching and Learning | Continuous Assessment of teachers and students. Class management done by class coordinator All reports are reviewed by HoDs and Principal The inputs received from industry experts in recent trends Engineering and Technology are suitably incorporated in the teaching-learning process to provide an industry oriented curriculum prescribed by the university to turn out with the self reliant professionals. Periodical feedback from, Students, External experts, Employers, Alumni and Parents Systematically maintaining faculty student database. Communication facilities such as Intercom, Internet, Intranet. |

6.2.2 – Implementation of e-governance in areas of operations:

| E-governance area | Details |
|-------------------------------|---|
| Examination | University conducted online objective type examination to students |
| Student Admission and Support | Student admission details are computerized |
| Finance and Accounts | Finance and accounts are maintained in both soft and hard copy. Full ledge computers are used in office |

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

| Year | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|------|-------------------|--|--|-------------------|
| 2020 | Mr.Prabhu Kumar | Indian Technology innovation and Entrepreneurship Conclave | Chaitanya Bharathi Institute of Technology | 9000 |
| 2020 | Mrs.Sooriyaprabha | Indian Technology innovation and Entrepreneurship Conclave | Chaitanya Bharathi Institute of Technology | 9000 |
| 2020 | Dr.R.Saravanan | Indian Technology innovation and Entrepreneurship Conclave | Chaitanya Bharathi Institute of Technology | 9000 |

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|-------------------|--|---|-----------|---------|---|---|
| Nill | NIL | NIL | Nill | Nill | Nill | Nill |
| No file uploaded. | | | | | | |

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|---|---------------------------------|-----------|---------|----------|
| NIL | 0 | Nill | Nill | 0 |
| No file uploaded. | | | | |

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 139 | 139 | Nill | Nill |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|----------|--------------|------------|
| NIL | NIL | Consession |

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The Executive Committee Meetings will be held at regular intervals and all financial matters are discussed and decisions are taken. Representatives of the management will take part in the Executive Committee Meetings. The sources of receipts are fee collections, transport charges, hostel fees and breakages collected at the end of the semester. Deficits if any are provided by the Management. Audited income and expenditure statements for the last four years are attached.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose |
|--|-------------------------------|---------|
| Nil | 0 | niL |
| No file uploaded. | | |

6.4.3 – Total corpus fund generated

| |
|---|
| 0 |
|---|

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type | External | | Internal | |
|----------------|----------|--------|----------|---|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | No | Nil | Yes | Chaitanya Bharathi Institute of Technology, Proddatur |
| Administrative | No | Nil | Yes | Chaitanya Bharathi Institute of Technology, Proddatur |

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Annual Meeting Regularly Sending the Attendance Details to parents Academic Information regularly sending to the parents

6.5.3 – Development programmes for support staff (at least three)

Faculty Development Programmer Short Term Training Program ICT development Program

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Introduction of Value added courses Initiate Experimental Learning Initiate Outcome Based Education Enhance ICT facilities as well as usage

6.5.5 – Internal Quality Assurance System Details

| | |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF | Nil |
| c) ISO certification | Yes |
| d) NBA or any other quality audit | Yes |

6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------|---|-------------------------|---------------|-------------|------------------------|
| 2020 | 1. Internal Audit Conducted (All Departments) | 19/06/2020 | Nil | Nil | 25 |
| 2020 | 3. DST-NIMAT - Entrepreneur Awareness Programme | 25/02/2020 | 26/02/2020 | 28/02/2020 | 56 |

[View File](#)

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the

year)

| Title of the programme | Period from | Period To | Number of Participants | |
|------------------------|-------------|------------|------------------------|------|
| | | | Female | Male |
| Women day celebration | 07/03/2020 | 07/03/2020 | 200 | 5 |

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

| Percentage of power requirement of the University met by the renewable energy sources |
|---|
| ? Solar powered lamps are installed in few locations of the campus. ? Rain water harvesting structures are constructed in suitable locations in the campus for the use of recharging the ground water. 100 KW solar plant Details: Number of modules: 280 Plant rated power : 100 KW Number of inverters: 04 Maximum voltage :1000V |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|-------------------------|--------|-------------------------|
| Rest Rooms | Yes | 0 |
| Scribes for examination | Yes | 0 |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|---|--|--|------|----------|--------------------|------------------|--|
| No Data Entered/Not Applicable !!! | | | | | | | |
| No file uploaded. | | | | | | | |

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|----------------|---------------------|--------------------------|
| HR Policy book | Nil | Nil |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|--|---------------|-------------|------------------------|
| Interaction session by TCS Global Trainer | 23/12/2019 | 23/12/2019 | 280 |
| Emerging trends on engineering, science and Technology | 16/07/2019 | 16/07/2019 | 100 |
| Independence Day | 15/08/2019 | 15/08/2019 | 150 |
| Guest Talk - Skill development | 24/09/2019 | 24/09/2019 | 60 |
| Anti Ragging | 16/06/2019 | 16/06/2019 | 150 |

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Increase the use of renewable energy sources. To encourage tree plantation. Increasing the NSS activities surrounding the campus. Ban plastic inside the campus. To make our campus carbon free environment.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice - I : Experimental Learning "In its simplest form, experimental learning means learning from experience or learning by doing. Experiential education first immerses learners in an experience and then encourages reflection about the experience to develop new skills, new attitudes, or new ways of thinking." Objective The purpose of the experimental learning is to train students to be industry ready and adapt to changes, teach them skills to face interviews and to groom students. The unique program given by this learning students to solve practical issues . These programs embedded into the curriculum, teaches lifelong skillsmanners, etiquette, spoken English and other skills like debating, group discussion and aptitude programs. Grooming lessons are taught and enforced right from the day one. These activities are designed to promote logical thinking, team work and leadership. Video hour, Quiz, Panel debates, Group Discussion, Class seminars, Viva voce, and Paper presentation are conducted. These activities are designed to make campus life lively and to increase students' participation. Students sincerely following largely benefited from our training. Placement training is also incorporated. Under experimental learning also arranges Aptitude trainers to crack interviews. Very good resource team is arranged every year for aptitude and quantitative analysis classes. Results are tremendous - the outlook is certainly high... given this vast exposure, self discipline is also certainly very high. CBIT includes experienced mentors who are more aware of the curriculum structure and the industrial needs. Based on the identification, students learnt their curriculum in practical way. They should take it as responsibility to guide the students in the right way. It should be made compulsory for higher degrees mentors or professors that they carry a specific practical exposure in their field. Because, only if they carry a sound practical knowledge in reference to their field, then only they can teach the students accordingly. Implementation Team Dr.G.Sreenivasula Reddy, Principal - Head Mr.Chandra Sekar , Assistant Professor, ECE - APSSDC Training Mr.Y.Sreedhar ,TPO,CBIT - Training and Placement Mrs.Rekha Rani, Associate Professor, English - Communication Lab Mrs.Uma Devi, Associate Professor ,MBA -Entrepreneur Development Training Mr.Y.Praveen Kumar Reddy, Assistant Professor, EEE - In plant Training Mr.P.Ramesh, Associate Professor, ECE -Workshop, Seminar and Guest-Lecture

Best Practice - II : Industry Institute Interaction Objective: To involve the students in practical learning to get real-time industrial experience and acquired knowledge from industry interactions with RD and through the assignments more interesting. Execution of MOU (Memorandum of Understanding) at our institution : MOU's with various organizations will be helpful to bridge the gap between academic and industry Internship program: Students of different branches attend various internship programs conducted by different companies. This will help them to understand the requirement of industry and will be helpful to enhance their technical skills. Context: To make a student ready to fulfill the requirement of the industry. Innovation Aspects adopted by CBIT are as follows: Industry- Institution interaction cell present in CBIT. The activities of IIC cell arrange various innovative programmes throughout the academic year. Those programs are create different key aspects among the students are: 1.Communication Skills: The student must be confident and should have good command over English and should be able to communicate effectively using emails and phones. They should also be a good listener. 2.Leadership Quality: The student should have the ability to get work done from others,

knowing the potential of everyone. They should have ability to work in Harmony within a team. 3.Dedication and Hard work: Student should take a keen interest in the project assign to them and should be able to finish the job assign to them within the time period. 4.Problem Solving Skills: The student should have ability to look at the problem positively with an attitude of solving it and should be able to think out of the box to find the best possible solutions. 5.Technical Competency: The student should have fundamental and sound knowledge of their field. 6.Knowledge beyond textbooks: The student should do regular industrial and site visit during academic periods and they should actively participate extracurricular activities. CBIT had MOUs with various industries

1. Andhra Pradesh State Skill Development Corporation, Vijayawada
2. Focus Academy for Carreer Enhancement (FACE), Coimbatore
3. Codetantra Tech Soluations Pvt. Ltd.
4. Atal Incubatio Centre (ATU-SKU)
5. TATA Consultancy Serivices Ltd.
6. Indian Servers Pvt. Ltd.
7. Try Logic Soft Soluations, Andhra Pradesh.

Evidence in Success Our students are coming from rural areas. From this practice , students got the training oppurtunities, placement Opurtunities, improving communication skills, developing as a good entrepreneur etc. Students are getting good opputunities to visit good industries, making projects, attending internship programs, doing research projects for students as well as faculty members, guest lecturers.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://cbit.edu.in/wp-content/uploads/2021/02/7.2.1.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Response: Chaitanya Bharathi Institute of Technology (CBIT) is located in remote rural area. Almost 90 of the students are first generation graduate coming in and around Kadappa district of Andhra Pradesh. Our Chairman always thinking of uplifting the livelihood of rural people by providing quality education . Students coming from rural background are generally facing several challenges such as lack of communication skills, poor financial support, less self-confidence, lack of conducive environment for reading in their houses, lack of career planning etc. In order to alleviate these challenges, the following programs are being conducted for the students throughout their education at CBIT. Conduct spoken English class for improving communication skill Arranging Collaborative activities for develop self confidence Conducting special class for slow learners Providing management scholarship Arranging career guidance and placement training Permitting students to attend internship program Arranging employability enhancement courses such as add on course and certificate courses Due to these programs, We could achieve the following impact on the students in the last years. More than 85 admission Increased placement and higher studies Family uplift Improved ethics, attitude and communication skills

Provide the weblink of the institution

<http://cbit.edu.in/wp-content/uploads/2021/02/7.3.1-1.pdf>

8.Future Plans of Actions for Next Academic Year

To focus on Improving Teaching learning skills of the faculties. strengthen the activities related to teaching learning enhancement. To enhance the Research culture activities to be carried out. The forth coming academic year is decided to file the Patents in the coming academic session. It is also decided to encourage the faculties to apply for various research agencies for funding and also for publications of research articles in reputed journals. In the coming

academic session in the month of February GATE examination preparatory classes proposed to be conducted to interest pre-final and final year students for EEE and ECE departments. To sustain the Industry-Institute Interaction through Membership MoU's by conducting various activities through them. Plan to strengthening of Entrepreneur Development Cell and its future activities. To conduct green measures appraisal on regular basis in order to spread the environment consciousness among all the stakeholders and also to make the campus eco-friendly-battery operated transcars, energy efficient computers, paperless exam, LED bulbs. To enhance the research potential of the teachers and motivate them to get major and minor research projects from government and other funding agencies. To conduct NSS activities in near future namely Tree Plantation, Blood Donation Camp and Road Safety program on the basis of suggestions from all the Committee members.